



## FACILITY COMPLIANCE INSPECTION REPORT

### Division of Waste Management Solid Waste Section

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID	<b>X</b>	YW		Transfer		Compost	<b>X</b>	SLAS	
Closed MSWLF	<b>X</b>	HHW		White goods		Incin		T&P	<b>X</b>	FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

COUNTY: Watauga

PERMIT NO.: 95-02

FILE TYPE: COMPLIANCE

**Date of Site Inspection:** June 14, 2012

**Date of Last Inspection:** June 8, 2011

**FACILITY NAME AND ADDRESS:**

Watauga County Land Clearing and Inert Debris Landfill and Treatment Processing Facility  
336 Landfill Road  
Boone, NC 28607

**GPS COORDINATES:** N:36.22032    E: -81.63165

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: J.V. Potter, Operations Services Director  
Telephone: 828-264-5305  
Mobile: 828-964-0681  
Fax: 828-264-1702  
Email: jv.potter@watgov.org

**FACILITY CONTACT ADDRESS:**

Watauga County Solid Waste Director  
842 West King Street, Suite 1  
Boone, NC 28607-3525

**PARTICIPANTS:**

J.V. Potter, Watauga County  
Donna Watson, Watauga County  
Deb Aja, NCDENR Solid Waste Section

**STATUS OF PERMIT:**

Active. Permit to Operate a Land Clearing & Inert Debris Landfill Phase 1 and Treatment & Processing Unit, and, Permit to Construct a Land Clearing and Inert Debris Landfill Expansion Phase 1, issued on June 15, 2011. The Permit to Operate expires on June 15, 2016.

**PURPOSE OF SITE VISIT:**

Partial Inspection of Active Units - Operations.

**STATUS OF PAST NOTED VIOLATIONS:**

None

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**OBSERVED VIOLATIONS**

- 1. 15A NCAC 13B .0203(d) states:** “By receiving solid waste at a permitted facility, the permittee(s) shall be considered to have accepted the conditions of the permit and shall comply with the conditions of the permit.”

**General Permit Condition Number 3, Attachment 3, of Permit to Operate 95-02 states:**

“The edge of waste footprint for all disposal units must be identified with permanent physical markers.”

On June 14, 2012 physical markers were not installed to identify the edge of waste of the footprint of the LCID landfill disposal unit. This constitutes a violation of 15A NCAC 13B .0203(d).

**To correct this violation and be in compliance with 15A NCAC 13B .0203(d), by August 1, 2012, Watauga County must install physical markers for the edge of waste footprint of the Land Clearing and Inert Debris Landfill in accordance with Permit No. 95-02.**

- 2. 15A NCAC 13B .0203(d) states:** “By receiving solid waste at a permitted facility, the permittee(s) shall be considered to have accepted the conditions of the permit and shall comply with the conditions of the permit.”

**General Permit Condition Number 9, Attachment 3, of Permit to Operate 95-02 states:**

1. “The facility operator must complete an approved operator training course in compliance with G.S. 130A-309.25.
  - a. A responsible individual certified in landfill operations must be on-site during all operating hours of the facility at all times while open for public use to ensure compliance with operational requirements.
  - b. All pertinent landfill-operating personnel must receive training and supervision necessary to properly operate the landfill units in accordance with G.S. 130A-309.25 and addressed by memorandum dated November 29, 2000.”

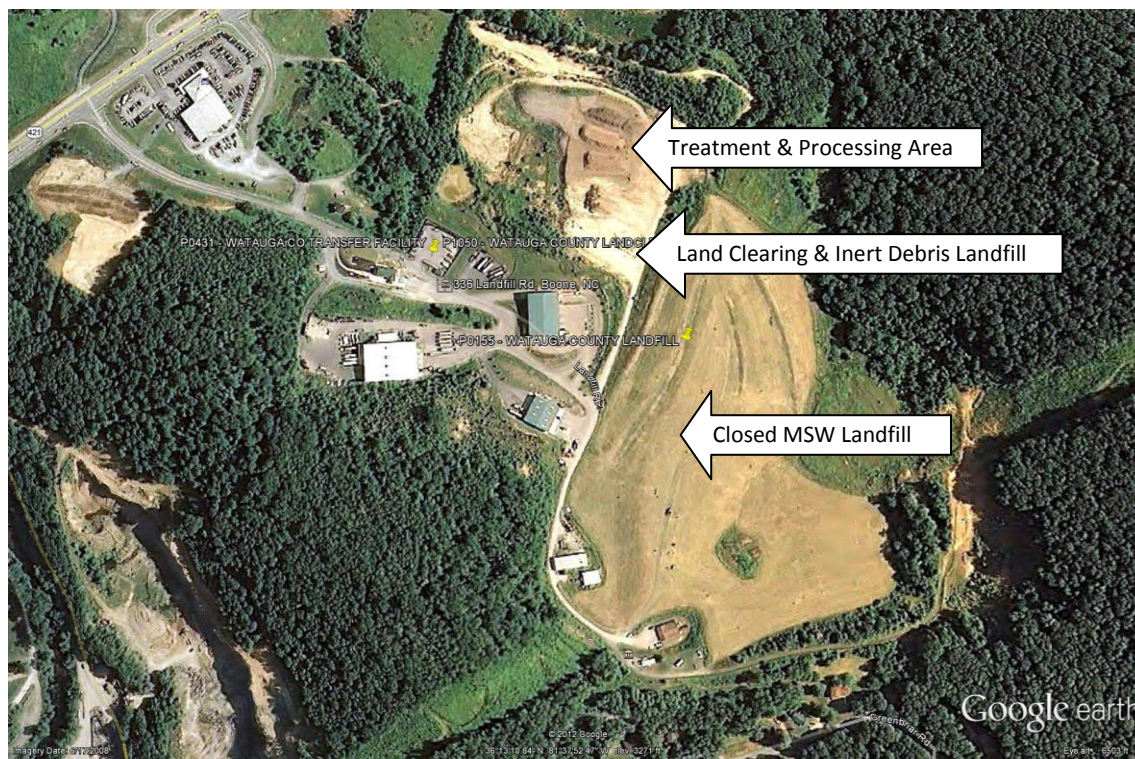
On June 14, 2012 a responsible individual certified in landfill operations was not on site during the facility operating hours. This constitutes a violation of 15A NCAC 13B .0203(d). Land Clearing and Inert Debris Landfill facilities are not presently required to have certified operators on duty since there are no approved operator training programs specific to this type of solid waste facility pursuant G.S. 130A-309.25 at this time.

**Therefore, to correct this violation and be in compliance with 15A NCAC 13B .0203(d), by August 1, 2012, Watauga County must contact the Permitting Branch to address the requirements of Permit 95-02 General Permit Condition Number 9.** Please contact Allen Gaither, Regional Permitting Engineer at the Asheville Regional Office at 828-296-4703 or by email at: [allen.gaither@ncdenr.gov](mailto:allen.gaither@ncdenr.gov).

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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**Figure 1: Watauga County Solid Waste Facilities, 336 Landfill Road, Boone, NC**

**ADDITIONAL COMMENTS**

1. The facility is permitted to receive solid waste generated within the service area of: Ashe, Avery Caldwell, Watauga and Wilkes Counties.
2. The MSW landfill unit ceased accepting waste in April of 1994. The closed MSW landfill unit was not inspected.
3. No composting operations have been initiated at the facility.

**Land Clearing and Inert Debris Landfill:**

4. It was stated that the facility receives less than the approved 48 tons of waste per day that it permitted to receive.
5. The Land Clearing and Inert Debris [LCID] Landfill is an expansion of an existing notified LCID. The notified landfill is Phase I, comprising 1.95 acres in Permit 95-02. Phase 1 Expansion is .28 acres. A future Phase 2 is planned comprising .72 acres.
6. General Facility Condition #3 of Permit 95-02 requires that the edge of waste footprint for all disposal units must be identified with permanent physical markers. There were no markers present.
7. The facility appeared to be accepting only wastes that it is permitted to receive. Soil, rock, unpainted masonry materials, and soil containing roots were observed during the inspection.
8. It appeared that wastes were being covered as required; with soil monthly or when the active area reaches one acre in size, whichever comes first. It was stated that the wastes are covered more frequently and often daily.
9. The working face was kept as small as possible and compacted as densely as practical to minimize erosion control issues and maximize landfill capacity.
10. Landfill slopes appeared to be no steeper than 3:1.
11. Surface water was diverted from the working face and there was no evidence that surface water was impounded over waste.
12. There was no evidence of excessive on site erosion.
13. No windblown waste was observed.
14. The access road was maintained in good condition.



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View of LCID Landfill surface, looking west and towards working face.  
Photos taken by Deb Aja on 6/14/2012.



View of LCID Landfill Working Face

**Treatment and Processing (Wood Grinding):**

1. The facility receives approximately 10 tons of waste per day.
2. The facility appeared to be accepting those wastes it is permitted to receive. The facility is permitted to receive wooden pallets constructed on unpainted and untreated natural wood, land clearing waste as defined by 15A NCAC 13B , Rule .0101(23), and yard trash as defined in 15A NCAC 13B, Rule .0101(55).
3. Ground material containing yard trash may not be distributed to the public unless it has been composted in accordance with Rule .1400. The facility is authorized by Permit 95-02 to operate a compost facility at the site. Any yard trash (solid waste resulting from landscaping and yard maintenance such as brush, grass, tree limbs, and similar material) must be segregated for composting, including yard trash from seasonal leaf collection that is accepted by the facility.
4. Waste received appeared to be maintained in reasonably sized piles with adequate fire breaks and lanes.
5. There was no surface water around operational and storage areas.
6. There were no odors detected at the site during the inspection.
7. There appeared to be effective vector control measures; there were no flies, rodents, insects, or vermin observed during the inspection.
8. Material is stockpiled for grinding. Grinding operations are conducted twice per year. The contractor removes the mulch from the site. Wastes were ground in May, 2012, and mulch was removed from the site during the week prior to the inspection.
9. The access road was maintained in good condition.

Please contact me if you have any questions or concerns regarding this inspection report.

Deborah Aja  
Environmental Senior Specialist  
**Regional Representative**  
[deborah.aja@ncdenr.gov](mailto:deborah.aja@ncdenr.gov)

Phone: 828-296-4702  
Asheville Regional Office  
2090 US Hwy 70  
Swannanoa, NC 28778

Sent on June 25 2012, to Deron Geouque, Watauga County Manager, by:	X	Email		Hand delivery		US Mail	X	Certified No. : 7009 1680 0000 7515 3110
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EC: Mark Poindexter, Field Operation Branch Supervisor  
Jason Watkins, Western District Supervisor  
Jessica Montie, Compliance Officer  
Allen Gaither, Regional Permitting Engineer - SWS  
J.V. Potter, Operations Services Director - Watauga County